10: Linton E-5 (1920-1921)1939
OX6 Marquesas OX6

ity, but socially the child outranked his father from the moment of birth.

The household consisted of the main husband, the wife or wives, and a series of subsidiary husbands. Even with plural wives the men in a household far outnumbered the women. The numerical disparity of the sexes on these islands was puzzling. The Marquesans swore that they did not practice infanticide, yet the ratio of males to females was about two and a half males to one female. It is probable that they did away with the younger girls but kept the practice from cultural notice. The motive for this is hard to ascertain, but it is reasonable to suppose that the group were merely breeding up to their food resources. In good seasons they had more food than population, the surplus being used to fatten pigs; but for bad seasons, when food was scarce, it was necessary to keep the population down by limiting the number of child-bearing women.

The average household consisted then of a household head, a group of other men, and a single wife. The second husband outranked the other subsidiary husbands and took charge of the household in the absence of the head. He also exercised preferential sexual rights with the wife, either with the first husband's permission or during his absence. In the chief's establishment all the husbands would have certain sexual rights with the chief's wife, but when there were a good many husbands, they lived in another house and were called over at the will of either the chief or the wife and rewarded for good service by a night's pleasures. In theory, all members of the household had sexual rights; even servants had access to the head wife if she so wished; actually, the first husband ran things and distributed favors, although it was to his advantage to see that his underlings were sexually satisfied, so that they would work for his house and not wander off with other women.

The household also included the children of the women, either real or adopted, and old people. The Marquesans were perfectly familiar with all the phenomena of physical paternity,

10: Linton E-5 (1920-1921)1939
OX6 Marquesas OX6

but they simply did not count it in their social system. Questioned about his parentage, a native would say, "So-and-so is my real father, but the head of my household was Such-and-such, son of—" and go on back through the genealogy of the head. Even in the polyandrous households a woman always knew who the actual father of her child was, and presumably the head of the household also knew, but was not especially concerned about it.

When a man came into a household, he brought no property except his trees and a few personal possessions, but he shared in the products of the household and worked with the other husbands under the direction of the household head to accumulate wealth to raise the status of the group.

Only younger sons became subsidiary husbands, except in cases where a family was so poor that it could not give its eldest son a good start; he might then attach himself to the household of a chief or a wealthy family. There was no fraternal polyandry, brothers always attaching themselves to different households. A secondary husband could secede if he so wished and join another household. He could even set up a separate establishment of his own if he could accumulate enough wealth for the purpose, but this was difficult since the household head had a claim on his work.

The first-born child was really a symbol through which the status of the household was raised. A series of ceremonies was held in his honor from birth on, the size and expense of these ceremonies determining the prestige of the household. Adoption of a child from another household to take the place of the first-born, if there was no son, was a very expensive proceeding, involving a large exchange of household goods and pigs and the giving of feasts. Adoption of a first-born really fused two households into one, a fact which raised the prestige of the eldest child and, through him, of the group backing him.

The formal betrothal and marriage of the first-born with a mate from another household entailed still more elaborate property exchanges. It is interesting to note in this connection

10: Linton E-5 (1920-1921)1939
OX6 Marquesas OX6

service in donating the child. He was supposed to eat the entire pig himself. The relatives closest to the child, that is, the father's sisters and the mother's brothers, had their hair cut at this time, the shorn locks being made into a set of ornaments, a shoulder cape or a kilt, decorations for knees, ankles, elbows, and wrists. The fully equipped male in full regalia looked somewhat like a poodle. The hair was handled by professional curlers, being wound on tubes, wrapped in fibre, and baked. The child did not wear these ornaments during infancy. For special state occasions before the age of puberty, the heir would be dressed and decorated, but, ordinarily, children of both sexes went nude.

Adoption was extremely common even in ancient times. That of first-born children, as a method of fusing family lines and avoiding competition, has already been mentioned, but younger children were also adopted into younger child status. Such children were often asked for before they were born and the request could not be refused without causing serious insult and possibly a blood feud. The child was usually transferred to its new household at the age of two to four months and its real parents were expected to make the adoptive parents a substantial gift to cover the expense of rearing it. Such a transfer would terminate the nursing period. Many women are said to have objected strongly to this practice and it is one of the reasons ascribed for the dropping birth rate during the early period of European contact. The natives could control birth through their knowledge of perversions and mechanical abortion and women were often unwilling to go through the trouble of producing children when they knew that these would be taken away from them. Since the rearing of children was largely in the hands of men, the effect of this custom was to emphasize still more strongly the role of women as sexual objects, minimizing the importance of their reproductive functions.

The Marquesans believe that nursing makes a child hard to raise and not properly submissive. There was probably a certain amount of nursing, dependent upon the will of the mother,

/6 cont./

detail, some caution must be exercised in using these data to determine the amount of miscegenation which has occurred. These figures for individuals of mixed ancestry only represent those which are readily apparent or are first generation descendants of marriages between Polynesians and non-Polynesians. Furthermore, these figures represent only the results of legitimate or at least widely-known unions.

Unfortunately, a breakdown of these figures as to the proportions of the sexes is not available, but information on this point was obtained from the previous (1951) census which showed that population was composed of 50.4% males and 49.6% females. The porportions of children to adults in 1951 was: adults, 39%; children, 61%.

/7/

The Life Cycle

Pregnancy and Childbirth

The state of pregnancy (vehine kopu tama) is diagnosed by the obvious physiological changes: cessation of menstruation, changes in breast size, and swelling of the stomach. The role of semen in impregnation is quite well understood. After coitus, women who are attempting to become pregnant will lie on their backs, drawing up their knees to facilitate the flow of the semen (teatea) into the uterine opening. The role of the female in procreation is naturally not so clear. It was stated by one informant that the semen combined with vaginal fluids to produce a child.

Much folklore surrounds the relationship of menstruating (mate meama) to chances of impregnation. It is widely believed that the best part of the menstrual cycle of achieving conception is that period immediately following the cessation of the menstrual flow, while the period for avoiding conception is described as the days midway between menstrual flows. This erroneous division of the menstrual cycle into "safe" and "unsafe" periods was often attributed to information obtained from a fundamentalist Protestant missionary couple who resided

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/7 cont./ 841 842 [999]
in the Marquesas several decades ago. Therefore, it is doubtful whether this is an aboriginal concept.

During pregnancy, woman's work continues as usual, with relatively little relief until advanced stages have been reached. 843 In the Marquesas, /8/ many heavy household chores fall to the women, such as hauling firewood, sacks of breadfruits, lifting and weighing copra, etc. [462] With tasks of this nature, it is not infrequent that spontaneous abortions (tama topa, hamaa) occur. Should these occur early in pregnancy, it is doubtful whether they would be recognized as such. During a five-month residence in the valley of Hatiheu, my wife was called upon to treat two young women who were continually manifesting symptoms of premature labor as a result of their stubborn refusal to restrict their economic activites. The main cause of their continued episodes (which finally resulted in the loss of one of the fetuses) was lifting of heavy burdens.

In producing spontaneous abortions, the taxing nature of the tasks which are viewed as "woman's work" is aided by [492] the major mode of transportation in the Marquesas -- horseback riding. In one instance we were awakened at midnight to treat a girl who had begun to have labor pains and a bloody discharge in her home valley some 5 miles distant, and had immediately mounted a horse and galloped to our door, without any thought that the gallop might be injurious.

Native remedies are available for stopping spontaneous [757] abortions, but their efficacy is doubtful. It is interesting to note that the frequency of spontaneous abortions must have been marked in aboriginal times, as there was a proliferation [776] of gods and goddesses who had charge over abortions.

/9/ Abortions (ha'a topa ite tama) are seldom induced, 847 as children are highly valued, a point which will be discussed [858] at greater length below. No Marquesan female informants admitted to inducing abortions, and no specific cases were ever heard of from males. Abortifacients were commonly

/11 cont./ 844
take care that the afterbirth is buried well out of reach of the [178]
pigs and dogs, beneath a pile of rocks.

/12/ The portion of the umbilical cord attached to the 846
umbilicus is tied up with a medicinal compound (mea pa ku) 757
consisting of the leaves of the papa (Phaseolus amoenus ?). [824]
After three days, the cord should dry and fall off. Another medicinal preparation for the drying of the umbilical stump is powdered grey tufa or powdered, stiff volcanic clays found in various areas of the islands. This powder is sprinkled on to absorb the moisture from the cord. After the cord falls off an astringent preparation is placed on the umbilicus, made of [824] leaves of ka ka'ahue (Diellia brownii E. Brown). This preparation is believed to have a beneficial effect if applied to the entire body of the child. It should be noted at this point that Marquesan native medicine, as it exists today, makes use of a large number of astringents for a variety of purposes.

After childbirth, it was formerly the custom for the hus- 846
band and wife to proceed immediately to a stream and there 757
indulge in intercourse. This was believed to be of therapeutic 178
value in producing a good flow of blood and fluids, and in [833]
aiding the internal organs of the mother to return to normal condition. Elderly women who have practiced this are positively in favor of it, declaring that it is unfortunate that girls are not maintaining the custom at present. The custom, still widespread in the 1920's, apparently became rare by the 1930's. Some individuals may still observe it in the southern archipelago. Although this custom is practically, if not completely, extinct, there is still routinely very little time elapsed between the birth of the child and the resumption of normal sexual relations. /13/ A period of one to two weeks appears to [842] be about average, especially if one desires to procreate again, as it is believed that conception is easiest within a month or so after birth.

846
The woman must not attempt to rub her perineum (ti 'a) [826]
if it is painful as a result of birth. For the first few days after birth it is necessary to eat nothing but fermented breadfruit paste (ma), heated by dropping hot cooking stones (ke'a umu) into it. This is to be eaten three times a day. If the sclera of the eyes [757]

/15 cont./ 164 842

A number of Marquesans, both male and female, are sterile. In collecting female reproductive life histories, my wife found that sterility in the female, at least, could be often traced to severe cases of venereal disease in adolescence or early adulthood. Similar causes apparently lie behind most of the sterility in males also. The high frequency of venereal disease in the past has taken its toll. It was not until after World War II actually that some realistic control was exercised on social diseases in French Polynesia. Because of the frequency of sterility there are many families consisting of a nuclear couple with only adopted children. 597

In the early 1900's adoption apparently took place at an early age. One of my workmen had never been nursed by his mother, being carried to his adoptive mother for this service at the age of one day. Other individuals recounted similar histories. During the past three decades, however, a trend toward later adoption has begun and many children now are 6 or 7 years old before they go to their foster homes. This may be a result of increased attention to the qualifications of the prospective adoptees. [178]

/17/

Infancy and Childhood

Marquesan infants are cared for largely by their parents and grandparents until they can walk, usually between 9 months and 1 year. At this time they become the responsibility of some of the older siblings. These are generally quite solicitous of their younger siblings, exerting great efforts to carry them when they are tired, and otherwise cater to them. Children carry infants on their backs, with the infant's legs under the arms of the carrier while its arms are used to hold on to its neck or shoulders. In other instances, infants are carried astride the hip. Both practices were observed to result in slight lordosis of the spine for the carrier in instances where infants required long periods of carrying. 854 [164]

Within weeks after birth, many female infants are begun on a cycle of medication which will prepare them for their 856 757